

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	1	"20030150859".PN.	US-PGPUB; USPAT	OR	ON	2008/03/11 12:15
L8	25	(REUTTER NEAR HEI NRICH).IN.	US-PGPUB; USPAT	OR	ON	2008/03/11 12:20
L9	25	(REUTTER NEAR HEI NRICH).IN.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/11 12:22
L10	1	("20040074906").PN.	DERWENT	OR	OFF	2008/03/11 12:24
L12	151	("1898055"   "20010007324"   "20030185276"   "20040011788"   "20040099668"   "2125419"   "2521166"   "2528372"   "2732971"   "2788092"   "2904065"   "3047235"   "3126728"   "3164288"   "3216728"   "3284004"   "3338444"   "3338445"   "3358871"   "3526332"   "3559839"   "3601154"   "3615036"   "3622976"   "3700166"   "3820593"   "3913615"   "3974936"   "4079855"   "4102472"   "4107493"   "4107961"   "4132091"   "4196822"   "4253690"   "4271976"   "4280346"   "4337873"   "4339055"   "4376492"   "4453668"   "4457327"   "4468058"   "4483287"   "4498599"   "4511056"   "4540103"   "4572396"   "4676390"   "4733564"   "4779755"   "4795054"   "4865249"   "4872584"   "4913303"   "4927049"   "4944425"   "5020685"   "5036888"   "5042677"   "5108001"   "5169015"   "5174463"   "5178047"   "5183173"   "5197440"   "5248052"   "5357909"   "5361924"   "5385256"   "5456243"   "5520300"   "5522456"   "5570616"   "5570804"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 13:09

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S2	25	Asteer.as.	US-PGPUB; USPAT	OR	ON	2008/03/06 08:40
S3	7	("7281639" "20050121454" "20050120502" "20050263525" "20050263526" "20080006633" "20080035236").PN.	US-PGPUB; USPAT	OR	ON	2008/03/06 08:43
S4	1	"6755316".PN.	US-PGPUB; USPAT	OR	ON	2008/03/06 08:45
S5	25	S2 S3 S4	US-PGPUB; USPAT	OR	ON	2008/03/06 08:48
S6	1	JP-2712115-\$.DID. OR JP-6-040262-\$.DID. OR JP-2001341537-\$.DID.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/06 09:02
S7	2	"6705483".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/06 09:03

S8	1	JP-2003276675-\$.DID.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/06 09:35
S9	97	(US-20020088801-\$ or US-20050011896-\$ or US- 20050121454-\$ or US- 20050000592-\$ or US- 20050121085-\$ or US- 20080029157-\$ or US- 20020074335-\$ or US- 20030089716-\$ or US- 20070210086-\$ or US- 20040084485-\$ or US- 20050274725-\$ or US- 20040120751-\$ or US- 20070108153-\$ or US- 20070251954-\$ or US- 20030200822-\$ or US- 20050211709-\$).did. or (US-4986097-\$ or US- 6213331-\$ or US- 6230918-\$ or US- 6705481-\$ or US- 7281639-\$ or US- 4339055-\$ or US- 5395004-\$ or US- 5568828-\$ or US- 4830058-\$ or US- 6209746-\$ or US- 4809869-\$ or US- 5253920-\$ or US- 5715963-\$ or US- 5845800-\$ or US- 6209745-\$ or US- 6446826-\$ or US- 6923226-\$ or US- 5480055-\$ or US- 5791507-\$ or US- 5829620-\$ or US- 5226574-\$ or US- 5435358-\$ or US- 5467621-\$ or US- 6079584-\$ or US- 6173855-\$ or US- 6179148-\$).did. or (US- 6755316-\$ or US- 5232167-\$ or US- 4815317-\$ or US- 4856553-\$ or US- 4098254-\$ or US- 4317345-\$ or US- 4341322-\$ or US- 4476995-\$ or US- 4579247-\$ or US- 4592218-\$ or US- 4607778-\$ or US- 4768677-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/03/06 09:50

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4881578-\$ or US-				
4881657-\$ or US-				
4946060-\$ or US-				
4950317-\$ or US-				
5228487-\$ or US-				
5234038-\$ or US-				
5249611-\$ or US-				
5325808-\$ or US-				
5381838-\$ or US-				
5419378-\$ or US-				
5435250-\$ or US-				
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4627548-\$ or US-				
4867354-\$ or US-				
5484087-\$ or US-				
5979468-\$ or US-				
4552175-\$ or US-				
5784877-\$ or US-				
4475389-\$ or US-				
7114470-\$ or US-				
5769057-\$ or US-				
4377243-\$ or US-				
4795053-\$ or US-				
5363827-\$).did. or (US-				
6223923-\$).did.				

S10	99	(US-20050121454-\$ or US-20020088801-\$ or US-20050011896-\$ or US-20070210086-\$ or US-20040120751-\$ or US-20070108153-\$ or US-20070251954-\$ or US-20060270986-\$ or US-20020070236-\$ or US-20040213626-\$ or US-20050211657-\$).did. or (US-6705481-\$ or US-4353246-\$ or US-5979468-\$ or US-4627548-\$ or US-4339055-\$ or US-4986097-\$ or US-6213331-\$ or US-6230918-\$ or US-7281639-\$ or US-5228487-\$ or US-5234038-\$ or US-5706967-\$ or US-5715963-\$ or US-4489756-\$ or US-4936378-\$ or US-4362440-\$ or US-4982646-\$ or US-6065184-\$ or US-6095355-\$ or US-6202512-\$ or US-4128227-\$ or US-4303175-\$ or US-4391382-\$ or US-4447919-\$ or US-4867354-\$ or US-5484087-\$).did. or (US-4436219-\$ or US-4538306-\$ or US-4585429-\$ or US-4610659-\$ or US-4614214-\$ or US-4629028-\$ or US-5306085-\$ or US-5401065-\$ or US-5402694-\$ or US-5456265-\$ or US-5683399-\$ or US-5931430-\$ or US-5980162-\$ or US-6083131-\$ or US-6085614-\$ or US-6171195-\$ or US-4499883-\$ or US-4824378-\$ or US-4828488-\$ or US-4847599-\$ or US-5819993-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/03/06 09:50
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		6028974-\$ or US- 4249751-\$ or US- 4625746-\$ or US- 4863143-\$ or US- 4946572-\$ or US- 4992145-\$).did. or (US- 5463810-\$ or US- 5232167-\$ or US- 4815317-\$ or US- 4856553-\$ or US- 4610621-\$ or US- 4883471-\$ or US- 4935012-\$ or US- 5992656-\$ or US- 6158913-\$ or US- 4362443-\$ or US- 4371097-\$ or US- 4380403-\$ or US- 4437566-\$ or US- 4496302-\$ or US- 4621481-\$ or US- 4767034-\$ or US- 4791854-\$ or US- 4928856-\$ or US- 4960339-\$ or US- 4984918-\$ or US- 5013172-\$ or US- 5015374-\$ or US- 5331860-\$ or US- 5332140-\$ or US- 5347991-\$ or US- 5425738-\$ or US- 5437513-\$).did. or (US- 5769280-\$ or US- 6022339-\$ or US- 6113583-\$ or US- 6305050-\$ or US- 6685061-\$ or US- 7021849-\$ or US- 4399579-\$ or US- 3850328-\$).did.				
S11	100	(US-20050121454-\$ or US-20030230870-\$ or US- 20070217728-\$ or US- 20020124434-\$ or US- 20020099327-\$ or US- 20040175990-\$ or US- 20050029885-\$ or US- 20050181668-\$ or US- 20060192455-\$ or US- 20020007612-\$ or US- 20020031379-\$ or US- 20020145284-\$ or US- 20030038478-\$ or US- 20040031824-\$ or US- 20040179869-\$ or US- 20050011896-\$ or US- 20050029476-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/03/06 09:50

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6622415-\$ or US-  
4475297-\$ or US-  
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4136906-\$ or US-  
4467509-\$ or US-  
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4738255-\$ or US-  
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4862635-\$ or US-  
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6848920-\$).did. or (US-  
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7096609-\$ or US-  
7195287-\$ or US-  
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4273256-\$ or US-  
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5415065-\$ or US-  
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5607117-\$ or US-

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S15	25	S14 NOT S5	US-PGPUB; USPAT	OR	ON	2008/03/06 10:11
S16	424	220/293.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 10:49
S17	837	220/304.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 10:49
S18	407	220/dig.33.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 10:49
S19	635	220/dig.32.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 10:49
S20	785	220/86.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 10:49
S21	859	220/86.2.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 10:49
S22	25	Asteer.as.	US-PGPUB; USPAT	OR	ON	2008/03/06 14:33



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S24	1	"6755316".PN.	US-PGPUB; USPAT	OR	ON	2008/03/06 14:33
S25	25	S22 S23 S24	US-PGPUB; USPAT	OR	ON	2008/03/06 14:33
S26	97	(US-20020088801-\$ or US-20050011896-\$ or US- 20050121454-\$ or US- 20050000592-\$ or US- 20050121085-\$ or US- 20080029157-\$ or US- 20020074335-\$ or US- 20030089716-\$ or US- 20070210086-\$ or US- 20040084485-\$ or US- 20050274725-\$ or US- 20040120751-\$ or US- 20070108153-\$ or US- 20070251954-\$ or US- 20030200822-\$ or US- 20050211709-\$).did. or (US-4986097-\$ or US- 6213331-\$ or US- 6230918-\$ or US- 6705481-\$ or US- 7281639-\$ or US- 4339055-\$ or US- 5395004-\$ or US- 5568828-\$ or US- 4830058-\$ or US- 6209746-\$ or US- 4809869-\$ or US- 5253920-\$ or US- 5715963-\$ or US- 5845800-\$ or US- 6209745-\$ or US- 6446826-\$ or US- 6923226-\$ or US- 5480055-\$ or US- 5791507-\$ or US- 5829620-\$ or US- 5226574-\$ or US- 5435358-\$ or US- 5467621-\$ or US- 6079584-\$ or US- 6173855-\$ or US- 6179148-\$).did. or (US- 6755316-\$ or US- 5232167-\$ or US- 4815317-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/03/06 14:33

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		6028974-\$ or US- 4249751-\$ or US- 4625746-\$ or US- 4863143-\$ or US- 4946572-\$ or US- 4992145-\$).did. or (US- 5463810-\$ or US- 5232167-\$ or US- 4815317-\$ or US- 4856553-\$ or US- 4610621-\$ or US- 4883471-\$ or US- 4935012-\$ or US- 5992656-\$ or US- 6158913-\$ or US- 4362443-\$ or US- 4371097-\$ or US- 4380403-\$ or US- 4437566-\$ or US- 4496302-\$ or US- 4621481-\$ or US- 4767034-\$ or US- 4791854-\$ or US- 4928856-\$ or US- 4960339-\$ or US- 4984918-\$ or US- 5013172-\$ or US- 5015374-\$ or US- 5331860-\$ or US- 5332140-\$ or US- 5347991-\$ or US- 5425738-\$ or US- 5437513-\$).did. or (US- 5769280-\$ or US- 6022339-\$ or US- 6113583-\$ or US- 6305050-\$ or US- 6685061-\$ or US- 7021849-\$ or US- 4399579-\$ or US- 3850328-\$).did.				
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5415065-\$ or US-  
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S29	407	220/dig.33.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/06 14:33
S30	372	S29 NOT (S28 S27 S26 S25)	US-PGPUB; USPAT	OR	ON	2008/03/06 14:33
S31	22	("20040026424"   "2720999"   "2740548"   "3006499"   "3724707"   "3985260"   "4540103"   "4676390"   "4887733"   "5108001"   "5381919"   "5385256"   "5395004"   "5480055"   "5791507"   "6209745"   "6213331"   "6286704"   "6755316"). PN. OR ("7281639"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 15:35

S32	47	(US-20070210086-\$ or US-20020088801-\$ or US-20020074335-\$ or US-20040000553-\$ or US-20020066734-\$).did. or (US-6705483-\$ or US-7281639-\$ or US-6446826-\$ or US-5509569-\$ or US-6230918-\$ or US-6223923-\$ or US-6213331-\$ or US-6209746-\$ or US-6209745-\$ or US-6179148-\$ or US-6173855-\$ or US-5829620-\$ or US-5791507-\$ or US-5480055-\$ or US-5467621-\$ or US-5435358-\$ or US-5395004-\$ or US-6997339-\$ or US-7147018-\$ or US-6763966-\$ or US-6745914-\$ or US-6648160-\$ or US-6325240-\$ or US-6325233-\$ or US-RE36927-\$ or US-6095363-\$).did. or (US-5904057-\$ or US-5794806-\$ or US-5540347-\$ or US-5529201-\$ or US-5381919-\$ or US-5238136-\$ or US-5234122-\$ or US-5183173-\$ or US-5110003-\$ or US-5108001-\$ or US-5020685-\$ or US-4887733-\$ or US-4787528-\$ or US-4785961-\$ or US-4360122-\$ or US-6286704-\$).did.	US-PGPUB; USPAT	OR	ON	2008/03/06 15:36
S33	6	S31 NOT (S32 S29 S28 S27 S26 S25)	US-PGPUB; USPAT	OR	ON	2008/03/06 15:36

S34	77	("3820680"   "3831801"   "4000633"   "4030322"   "4142756"   "4177931"   "4280346"   "4294375"   "4312649"   "4424839"   "4498493"   "4651889"   "4676390"   "4678097"   "4702386"   "4714172"   "4726488"   "4741369"   "4747508"   "4762247"   "4765504"   "4765505"   "4816045"   "4877146"   "4881578"   "4883103"   "4946060"   "4966299"   "4977936"   "4986439"   "5027868"   "5056570"   "5066062"   "5072986"   "5076622"   "5110003"   "5145081"   "5195566"   "5203466"   "5238034"   "5271438"   "5322100"   "5439129"   "5449086"   "5509569").PN. OR ("2002/0066734"   "2002/0088801"   "5234122"   "6446826").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 15:38
S35	41	S34 NOT (S31 S32 S29 S28 S27 S26 S25)	US-PGPUB; USPAT	OR	ON	2008/03/06 15:38
S36	47	S32 AND (fuel neck ridge protrusion sleeve elastic engage\$4 seal ring spring bolt screw latch groove bump tab notch notches C-shaped thread threaded)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/06 15:44
S37	47	S32 AND (fuel neck ridge protrusion sleeve elastic engage\$4 seal ring spring bolt screw latch groove bump tab notch notches C-shaped thread threaded belt)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/06 15:45
S38	47	S32 AND (fuel neck ridge protrusion sleeve elastic engage engagement engaging seal ring spring bolt screw latch groove bump tab notch notches C-shaped thread threaded belt)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/06 15:46



S39	47	S32 AND (fuel neck ridge protrusion protruding protrude sleeve elastic engage engagement engaging seal ring spring bolt screw latch groove bump tab notch notches C-shaped thread threaded belt)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/06 15:47
S44	4	S32 AND ((neck OR sleeve) (protrusion OR protruding OR protrude OR bump OR tab OR spring) (seal OR ring) (bolt OR screw) (latch OR ridge) (groove OR notch OR notches) (thread OR threaded))	US-PGPUB; USPAT; DERWENT	AND	ON	2008/03/06 15:54
S45	254	277/647.ccls.	US-PGPUB; USPAT	OR	ON	2008/03/07 15:35
S46	7	S45 AND gasket with (C NEAR shaped) AND seal	US-PGPUB; USPAT	OR	ON	2008/03/07 15:55
S47	6	S45 AND (gasket with ((C NEAR shaped) AND seal))	US-PGPUB; USPAT	OR	ON	2008/03/07 15:55
S48	48	(US-20070210086-\$ or US-20020088801-\$ or US-20020074335-\$ or US-20040000553-\$ or US-20020066734-\$).did. or (US-6705483-\$ or US-7281639-\$ or US-6446826-\$ or US-5509569-\$ or US-6230918-\$ or US-6223923-\$ or US-6213331-\$ or US-6209746-\$ or US-6209745-\$ or US-6179148-\$ or US-6173855-\$ or US-5829620-\$ or US-5791507-\$ or US-5480055-\$ or US-5467621-\$ or US-5435358-\$ or US-5395004-\$ or US-6997339-\$ or US-7147018-\$ or US-6763966-\$ or US-6745914-\$ or US-6648160-\$ or US-6325240-\$ or US-6325233-\$ or US-RE36927-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/03/07 15:58

		6095363-\$).did. or (US-5904057-\$ or US-5794806-\$ or US-5540347-\$ or US-5529201-\$ or US-5381919-\$ or US-5238136-\$ or US-5234122-\$ or US-5183173-\$ or US-5110003-\$ or US-5108001-\$ or US-5020685-\$ or US-4887733-\$ or US-4787528-\$ or US-4785961-\$ or US-4360122-\$ or US-6286704-\$ or US-2327293-\$).did.				
S49	26	S48 AND (seal NEAR3 neck)	US-PGPUB; USPAT	OR	ON	2008/03/07 15:58
S50	15	S48 AND (seal NEAR3 (ring AND neck))	US-PGPUB; USPAT	OR	ON	2008/03/07 15:59
S51	1	S48 AND (seal NEAR3 (ring NEAR2 neck))	US-PGPUB; USPAT	OR	ON	2008/03/07 16:00
S52	1	("3595588").PN.	USPAT; USOCR	OR	OFF	2008/03/07 17:10
S53	3	("20050011893" "20050077295" "20060151498").PN.	US-PGPUB; USPAT	OR	ON	2008/03/11 06:35

3/11/2008 1:14:23 PM

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